Lucy played a game at an amusement park. In the game she threw balls at a target. She was awarded 15 points if she hit the target, but she lost 25 points if she missed the target. After 20 throws she had lost 60 points. How many times did Lucy hit the target?

- Hockey teams receive 2 points when they win and 1 point when they tie. One season, a team won a championship with 60 points. They won 12 more games than they tied. How many wins and how many ties did the team have?

Two times a number plus ten times a second number is twenty. Thirty times the second number plus three times the first number is 45. What are the two numbers?

Raul has $30 in a savings account and started adding $10 a week. At the same time, his sister Tina had $300 in her account and began spending $30 a week. After how many weeks will Raul and Tina have the same amount in their saving account?

Some people go to the cinema.
4 adults and 2 child tickets cost £47
1 adult and 3 child tickets cost £25.50
Work out the costs of an adult and a child ticket.

Amanda scored 21 points in the last basketball game on 9 baskets. Some were 2-point baskets and the rest were 3-point baskets. How many of each did she make?

A plumber charges a fee of $50 to make a house call. He also charges $25.00 an hour for labor. Write an equation that you could use to find the amount a plumber charges for a house call based on the number of hours of labor. Let x represent the number of hours for labor and y represent the total cost.

- How much would is cost for a house call that requires 2.5 hours of labor?

1) The sum of 2 numbers is 18 and their difference is 2. Find the 2 numbers.

BUILDING HIGHWAYS The time it takes to build a highway varies directly with the length of the road, but inversely with the number of workers. If it takes 100 workers 4 weeks to build 2 miles of highway, how long will it take 80 workers to build 10 miles of highway?